

Form PTO-1449 (modified)

ATTN. DOCKET NO.
UTSK:142/BAHSERIAL NO.
07/953,680List of Patents and Publications
For Applicant's Information
Disclosure StatementAPPLICANT
A.P. SHEPHERD et al.

(Use several sheets if necessary)

FILING DATE
September 29, 1992GROUP
1809

2505

U.S. PATENT DOCUMENTS

EXAM. INIT.	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
KH		2,878,715	03/24/59	Rhees	—	—	
KH		3,296,922	01/10/67	Goldberg	—	—	
KH		3,516,746	06/23/70	Shibata et al.	—	—	
KH		3,527,542	09/08/70	Penhasi et al.	—	—	
KH		3,638,640	02/01/72	Shaw	356	41	RECEIVED
KH		3,692,410	09/19/72	Jurany et al.	356	40	APR 23 1993
KH		3,764,267	10/09/73	Farr	—	—	
KH		3,799,672	03/26/74	Vurek	356	39	DO NOT 2500
KH		3,972,614	08/03/76	Johansen et al.	356	39X	
KH		3,994,585	11/30/76	Frey	356	40	

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EXAM. INIT.	REF. DES.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

KH	✓	Anderson et al., "Light-Absorbing and Scattering Properties of Non-Haemolysed Blood," <i>Phys. Med. Bio.</i> , Vol. 12, 2:173-184 (1967)
KH	✓	Drabkin, "The Crystallagraphic and Optical Properties of the Hemoglobin of Man in Comparison with Those of Other Species," <i>Spectrophotometric Studies</i> , pp. 703-725 (April 12, 1946)
KH	✓	Kiel et al., "A Microcomputer Oximeter for Whole Blood," <i>Amer. J. Physiol.</i> , pp. H722-H725 (1983)
KH	✓	Kramer et al., "Influence of Oxygen Saturation, Erythrocyte Concentration and Optical Depth Upon the Red and Near-Infrared Light Transmittance of Whole Blood," <i>Amer. J. Physiol.</i> , Vol. 165, pp. 229-246 (April 1951)
KH	✓	Janssen, "A Study of the Absorption and Scattering Factors of Light in Whole Blood," <i>Med. Biol. Eng.</i> , Vol. 10, pp. 231-240, (1972)

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9/3/93

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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KH		4,003,662	01/18/77	Retzer et al.	356	40X	
KH		4,013,417	03/22/77	Raffaele	356	40X	
KH		4,057,394	11/08/77	Genshaw	356	40X	
KH		4,134,678	01/16/79	Brown et al.	356	39	
KH		Re 30,007	05/22/79	Steuer et al.	324	30	RECEIVED
KH		4,240,749	12/23/80	Retzer	356	40X	APR 23 1993
KH		4,243,883	01/06/81	Schwarzmann	356	40X	
KH		4,301,412	11/17/81	Hill et al.	324	442	FORM 2500
KH		4,303,887	12/01/81	Hill et al.	324	441	
KH		4,308,029	12/29/81	Siggaard-Andersen	356	40X	

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KH	✓	Pittman, "In Vivo Photometric Analysis of Hemoglobin," <i>Annals of Biomedical Engineering</i> , Vol 14, pp. 119-137 (1986)					
KH	✓	Pittman et al., "A New Method for the Measurement of Percent Oxyhemoglobin," <i>Journal of Applied Physiology</i> , Vol 38, 2:315-320 (February 1975)					
KH	✓	Setsuo et al., "A Miniature Hybrid Reflection Type Optical Sensor for Measurement of Hemoglobin Content and Oxygen Saturation of Whole Blood," <i>IEEE Transactions on Biomedical Engineering</i> , Vol. 35, 3:187-198 (March 1988)					
KA	✓	Singh et al., "Technical Note; Optical Method for Haemacrit Determination," <i>Med & Biol. Eng. & Comput.</i> , Vo. 20, pp. 527-528 (July 1982)					
XH	✓	Sinha et al., "Blood O ₂ Saturation Determination in Frozen Tissue," <i>Microvascular Research</i> , 14:133-144 (1977)					

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KH		4,324,556	04/13/82	Robertson et al.	356	40X	
KH		4,357,105	11/02/82	Loretz	356	40	
KH		4,444,498	04/24/84	Heinemann	356	41X	
KH		4,453,266	06/05/84	Bacus	356	39X	
KH		4,502,786	03/05/85	Golias et al.	356	435	
KH		4,565,448	01/21/86	Abbott et al.	356	3	RECEIVED
KH		4,605,305	08/12/86	Lenoir et al.	356	246	APR 23 1993
KH		4,651,741	03/24/87	Passafaro	386	41X	
KH		4,700,708	10/20/87	New, Jr. et al.	356	41X	GROUP 2500
KH		4,997,769	03/05/91	Lundsgaard	856	39X	

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KH	✓	Steinke et al., "Role of Light Scattering in Whole Blood Oximetry," IEEE Transactions on Biomedical Engineering, Vol. BME-33, 3:294-301 (March 1986)					
KH	✓	Brochure Entitled, "OSM3 Hemoximeter," Radiometer; Copenhagen (1988)					

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